



Wideband FH NPRM Motions

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Background Prior to 9/13/99

- HomeRF working group desires to scale performance of SWAP-CA to expand capabilities and usage scenarios
- Submitted FCC letter in the Fall '98 requesting Part 15.247 waiver or rule change to permit wider channels with reduced power and dwell time
- Due to waver opposition, FCC issued Part 15 NPRM
- IEEE 802 issued letter opposing this rule change
 - a) Overlapped channels cause “increased interference”
 - b) Faster hopping “represents a more severe interference threat”
 - c) The proportional reduction in transmitted RF power will not “effectively offset the impact of wider occupied channels”
 - d) Changing the 15.247 rules to allow WBFH is not necessary, since there is “already...a standard for high speed wireless networking” that will meet all of HomeRF’s objectives.



IEEE 802.11 9/13 Meeting Actions

- HomeRF Working Group presented and defended paper on 9/13 that addresses these concerns
- Presentation included Call to Action to re-call IEEE 802 letter based on addressing concerns
- 802.11 moved the HomeRF Call to Action discussion to 9/15 to permit time to reflect and discuss new material
- Additional interference impact papers presented to 802.11
- Further comments and papers to FCC NPRM expected
- Call to action amended
 - Reflects need to review new interference material
 - Recent call from IEEE EMC (Electro Magnetic Compatibility) chair



Motions

- **Move to recall first letter and send in a letter of support for the rule change**
 - Is aligned with IEEE 802 goals of supporting regulations that permit greatest selection of best technology to meet specific market needs
 - It does not impact the performance of existing Part 15 compliant products over current regulations
 - It enable US consumers to benefit from new wireless devices that are currently allowed in most other countries but not in the US
- **Move to recall first letter and remain neutral**
 - Let individual companies comment on rule change
- **Move to request IEEE's EMC committee to review NPRM interference impact papers and publish a report**
 - Good practice to engage appropriate IEEE committees
 - EMC committee members are interested in doing the study